

Notice of Allowability

Application No.

09/617,624

Examiner

Dwin M Craig

Applicant(s)

CARROLL ET AL.

Art Unit

2123

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/18/2005.
2. ☒ The allowed claim(s) is/are 6 and 10-26.
3. ☒ The drawings filed on 17 July 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

[Handwritten signature]
W. Thomas
TC 2102
Am 2123
Donny

DETAILED ACTION

And

NOTICE of ALLOWANCE

1. **Claims 6 and 10-26** are Allowed.
2. Claims 1-5 and 7-9 are cancelled.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee. (*See CFR rule 1.126*)

The application has been amended as follows:

Claim 10, line 1, please change "**claim 6**" to -- **claim 1** --.

Claim 11, line 1, please change "**claim 10**" to -- **claim 2** --.

Claim 12, line 1, please change "**claim 10**" to -- **claim 2** --.

Claim 13, line 1, please change "**claim 12**" to -- **claim 4** --.

Claim 14, line 1, please change "**claim 13**" to -- **claim 5** --.

Claim 15, line 1, please change "**claim 12**" to -- **claim 4** --.

Claim 16, line 1, please change "**claim 15**" to -- **claim 7** --.

Claim 19, line 1, please change "**claim 18**" to -- **claim 11** --.

Claim 20, line 1, please change "**claim 19**" to -- **claim 12** --.

Claim 21, line 1, please change "**claim 19**" to -- **claim 12** --.

Claim 22, line 1, please change "**claim 21**" to -- **claim 14** --.

Claim 23, line 1, please change "**claim 22**" to -- **claim 15** --.

Claim 24, line 1, please change “**claim 21**” to -- **claim 14** --.

Claim 25, line 1, please change “**claim 24**” to -- **claim 16** --.

Claim 26, line 1, please change “**claim 17**” to -- **claim 9** --.

Reason's for Allowance

4. The following is an examiner's statement of reasons for allowance:

The following limitations, in combination with other limitations are neither anticipated nor made obvious by the prior art, “*wherein the current VGA mode is associated with a set of current mode flags*” in combination with “*wherein jump table entries are associated with a specific VGA mode, and each jump table entry is associated with a specific instruction in the set of permissible instructions for the specific VGA mode*”. As regards independent claims 6, 17 and 18, the combination of the cited limitations is not disclosed in the prior art. The prior art does disclose that VGA hardware emulation is known, however, the use of a jump table, associated with VGA flags and in further combination of operating the VGA emulation in a guest operating environment is neither disclosed nor made obvious by the prior art.

4.1 Dependent **Claims 10-16 and 19-26** are allowed as they depend upon allowed base claims.

4.2 Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

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Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

With this Office Action the Examiner has cited a collection of prior art references that disclose known methods of VGA emulation and/or method(s) of manipulating tables of data in computer system. *(Please see the attached Notice of References Cited, PTO form 892.)*

5.1 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dwain M Craig whose telephone number is (571) 272-3710. The examiner can normally be reached on 10:00 - 6:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo P Picard can be reached on (571) 272-3749. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DMC

CPC
W. Thomas
Primary Examiner
TC 2100
Art 2123